

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of claims:

1. (currently amended): A method in a computing system having a first partition including a first operating system and a second partition including a second operating system, the method comprising the steps of:

a) conveying first partition throughput information from said first partition to a partition manager;

b) creating in said partition manager, resource balancing directives ~~from~~ said resource balancing directives based on said first partition throughput information; and

c) allocating resources to said first partition by the partition manager according to the resource balancing directives.

2. (original): The method according to claim 1 wherein the partition manager comprises a workload manager running in said second partition and a hypervisor.

3. (currently amended): The method according to claim 1 wherein conveying throughput information ~~communication~~ between partitions includes inter-partition memory sharing.

4. (currently amended): The method according to claim 1 wherein conveying throughput information ~~communication~~ between partitions includes single operation message passing.

5. (currently amended): The method according to claim 1 wherein the throughput information ~~about throughput~~ is obtained by a packet activity counter .

6. (currently amended): The method according to claim 1 wherein the throughput information ~~about throughput~~ is obtained by counting network packets related to a partition.

7. (currently amended): The method according to claim 6 wherein said network packets comprise packets received by a partition ~~are counted~~.

8. (currently amended): The method according to claim 6 wherein said network packets comprise packets sent by a partition ~~are counted~~.

9. (original): The method according to claim 6 wherein said network packets are related to said first partition.

10. (currently amended): The method according to claim 1 wherein the ~~information about~~ throughput information is obtained by relating network traffic to a processor utilization over a period of time.

11. (original): The method according to claim 10 wherein the network traffic is obtained by counting network packets related to a partition.

12. (currently amended): The method according to claim 10 wherein the processor utilization is obtained from a system activity counter.

13. (currently amended): The method according to claim 10 wherein the processor utilization is a system activity counter.

14. (original): The method according to claim 10 wherein relating a network traffic to a processor utilization is a ratio of number of packets over time.

15. (currently amended): A computer program product comprising a computer useable medium having computer readable program code ~~means~~ therein in a computing system having a first partition including a first operating system and a second partition including a second operating system, the computer readable program code ~~means~~ in said computer program product comprising:

a) computer readable program code ~~means~~ for conveying first partition throughput information from said first partition to a partition manager;

b) computer readable program code ~~means~~ for creating in said partition manager, resource balancing directives ~~from~~ said resource balancing directives based on said first partition throughput information; and

c) computer readable program code ~~means~~ for allocating resources to said first partition by the partition manager according to the resource balancing directives.

16. (original): The computer program product according to claim 15 wherein the partition manager comprises a workload manager running in said second partition and a hypervisor.

17. (currently amended): The computer program product according to claim 15 wherein conveying throughput information ~~communication~~ between partitions includes inter-partition memory sharing.

18. (currently amended): The computer program product according to claim 15 wherein conveying throughput information ~~communication~~ between partitions includes single operation message passing.

19. (currently amended): The computer program product according to claim 15 wherein the throughput information ~~about throughput~~ is obtained by a system activity counter.

20. (currently amended): The computer program product according to claim 15 wherein the throughput information ~~about throughput~~ is obtained by counting network packets related to a partition.

21. (currently amended): The computer program product according to claim 20 wherein said network packets comprise packets received by a partition ~~are counted~~.

22. (currently amended): The computer program product according to claim 20 wherein said network packets comprise packets sent by a partition ~~are counted~~.

23. (original): The computer program product according to claim 20 wherein the partition is the first partition.

24. (currently amended): The computer program product according to claim 15 wherein the ~~information about~~ throughput information is obtained by relating network traffic to a processor utilization over a period of time.

25. (original): The computer program product according to claim 24 wherein the network traffic is obtained by counting network packets related to a partition.

26. (currently amended): The computer program product according to claim 24 wherein the processor utilization is obtained from a system activity counter.

27. (currently amended): The computer program product according to claim 24 wherein the processor utilization is a system activity counter.

28. (original): The computer program product according to claim 24 wherein relating a network traffic to a processor utilization is a ratio of number of packets over time.

29. (currently amended): A system in a computing system having a first partition including a first operating system, and a second partition including a second operating system, the system comprising:

computer instructions to execute a method comprising:

a) ~~means for~~ conveying first partition throughput information from said first partition to a partition manager;

b) ~~means for~~ creating in said partition manager, resource balancing directives ~~from~~ said resource balancing directives based on said first partition throughput information; and

c) ~~means for~~ allocating resources to said first partition by the partition manager according to the resource balancing directives.

30. (original): The system according to claim 29 wherein the partition manager comprises a workload manager running in said second partition and a hypervisor.

31. (currently amended): The system according to claim 29 wherein conveying throughput information ~~communication~~ between partitions includes inter-partition memory sharing.

32. (currently amended): The system according to claim 29 wherein conveying throughput information ~~communication~~ between partitions includes single operation message passing.

33. (currently amended): The system according to claim 29 wherein the throughput information is obtained by a packet activity counter ~~further comprising a packet activity counter for obtaining said information about throughput.~~

34. (currently amended): The system according to claim 29 wherein the throughput information is obtained by a packet activity counter ~~further comprising counting means for counting network packets related to a partition and wherein the information about throughput is obtained by said counting means.~~

35. (currently amended): The system according to claim 34 wherein said network packets comprise packets received by a partition ~~are counted.~~

36. (currently amended): The system according to claim 34 wherein said network packets comprise packets sent by a partition ~~are counted.~~

37. (original): The system according to claim 34 wherein said network packets are related to the first partition ~~are counted.~~

38. (currently amended): The system according to claim 29 wherein the throughput information is obtained by relating network traffic to a processor utilization ~~further comprising network traffic means for relating network traffic to utilization of a processor over a period of time, and wherein the information about throughput is obtained by said network traffic means.~~

39. (currently amended): The system according to claim 38 wherein the network traffic is obtained by further comprising counting means for counting network packet related to a partition and wherein the network traffic is obtained said counting means.

40. (currently amended): The system according to claim 38 wherein the processor utilization is obtained from a further comprising a system activity counter, and wherein processor utilization is obtained from said system activity counter.

41. (currently amended): The system according to claim 38 wherein the processor utilization is further comprising a system activity counter, and wherein processor utilization is obtained from said system activity counter.

42. (currently amended): The system according to claim 38 wherein relating a network traffic to a processor utilization is said network traffic means relates network traffic to utilization of a processor over a period of time as a ratio of number of packets over time.

43. (currently amended): A system in a computing system having a first partition including a first operating system and a second partition including a second operating system, the system comprising:

a partition manager for receiving information about throughput from the second partition and determining resource balancing directives; and

a communicator communicating the resource balancing directives from said partition manager to a kernel in the second partition, said kernel allocating resources to the second partition according to the resource balancing directives.